

Memo from  
JOSHUA LEDERBERG  
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To: Dick Young  
NASA HQ

Post Viking (aero-  
photography)

Do you know of any feasibility studies  
on ways of achieving 1 meter photo-  
graphic resolution of Mars?

What would be the lowest altitude  
(based on latest atmosphere) consis-  
tent with orbital survival > a few  
hours? Would a lifting body\*  
(glider or booster-assisted) allow an  
extensive scan? Where do balloons,  
ballutes, parachutes etc. stand now?  
I would assume that surface rovers  
have v. limited range.

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\*Can this be facilitated by "shuttle"  
developments?



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